

Current status of on-line data-mining of planetary exploration data on INTERNET

Jun Saito[1], Jun-ya Terazono[2]

[1] Technical Research Inst., NISHIMATSU Construction Co., Ltd., [2] JSF

<http://www.t3.rim.or.jp/~terakin/>

Planetary exploration programs are now providing numerous data of solar system bodies. However, the numerous numbers of planetary exploration data make users difficult to search and find data suitable for their studies. The remarkable progress of Internet makes it possible to access such data at every place where electric communication is available. We call such network-based research style as "Desktop PPlanetary EXploration (DPLEX)". The DPLEX will contribute toward expanding planetary data users to not only planetary scientists but also reserchers and engineers of related fields. Here, we report the current status of network resources of planetary exploration data, and discuss what kind of data server will be required to realize "DPLEX".